

Water Audit Level 1 Validation- Validator Review & Certification Statement

Water System(s) This Audit Covers:

Public Water System Identification (PWSID)¹: CA 2710011 **Water System Name** City of Soledad

¹List only 1 PWSID which should match the PWSID on the FWAS Instructions Tab. For Special cases where the audit covers multiple water systems connected with permanent two-way interties, list those additional PWSIDs in the Notes below and describe the water distribution system(s) configuration.

Notes (Provided to Validator by Water System):

Audit Period: Calendar Year 2020

Validation Date:

Water System Representatives: Moises Arizmendi, Pubic Works Manager

Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement: I certify that this meets the requirements of 23 CCR 638.5(b)(4)(A-C).

Key Audit Metrics:

Data Validity Score: 61 **Data Validity Band (Level):** III (51-70)

ILI 1.79

Real Loss: 30.86gallons/connection/day

Non-revenue water as percent of cost of operating system: 4.0%

Apparent Loss: 6.93 gallons/connection/day

Cerification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here:

Validator Information:

Water Audit Validator: Angela Hall

Validator Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

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Notes:

Water Audit & Water Loss Improvement Steps:

1. Steps Taken: Water System to identify steps taken in the preceding 3 years to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:

The City conducts electronic calibration on the groundwater production meters at least every three years. The City's meter testing program for customer water meters consists of actively monitoring high and low consumption accounts and responding to customers requests. The City estimates that 10 to 15 customer meters are checked/tested each month. The City also meters fire hydrant flushing activities. The City is currently in the process of replacing their existing Neptune customer meters (drive by read meters) with new Automatic Radio Read Meters (AMRs). The City estimates that between 600 to 800 Neptune meters still need to be replaced. The City is also scheduled to conduct electronic calibration of the groundwater production meters in 2021.

2. Planned Steps (OPTIONAL): If your audit reflects negative real losses or the cost of non-revenue water is greater than 100% of the operating costs (issues for which your audit will not meet code requirements), you will be asked what steps you are planning in the coming year to address these issues. If you already know what steps you plan to take, you may list them here. If not, please prepare a response within 90 days (23 CCR Section 638.6[a]).

Not applicable.

Certification Statement by Utility Executive

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Moises Arizmendi

Executive Position

Public Works Manager

Signature



Date

1-18-22